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APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

09/931,649

08/15/2001

Debi Mishra

MS1-929US

22801

LEE & HAYES PLLC 421 W RIVERSIDE AVENUE SUITE 500 SPOKANE, WA 99201

OCT 2 9 2001

CONFIRMATION NO. 2836 FORMALITIES LETTER

OC000000006810893*

Date Mailed: 09/28/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing. Applicant must submit \$ 710 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$1078.

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- \$198 for 11 total claims over 20.
- \$880 for 11 independent claims over 3.
- · The oath or declaration is missing. A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(I) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1918.

A copy of this notice <u>MUST</u> be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

01/14/2002 AGOITOM 00000028 09931649

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Filing Date 8/15/01 Semantics Mapping Between Different Object Hierarchies TRANSMITTAL LETTER AND CERTIFICATE OF MAILING Commissioner of Patents and Trademarks, To: Washington, D.C. 20231 8 From: Brian J. Pangrle (Tel. 509-324-9256; Fax 509-323-8979) 9 Customer No. 22801 10 The following enumerated items accompany this transmittal letter and are being submitted for the matter identified in the above caption. 11 1. Transmittal letter including Certificate of Mailing 2. Notice to File Missing Parts of Application 12 3. Executed Declaration 4 Fee Transmittal 13 5. Check in the amount of \$1992.00 6. Return Post Card 14 Large Entity Status [x] Small Entity Status [] 15 Date: 10/26/2001 16 Brian J. Pangrle Reg. No. 42,973 17 18 **CERTIFICATE OF MAILING** I hereby certify that the items listed above as enclosed are being deposited with the U.S. Postal 19 Service as either first class mail, or Express Mail if the blank for Express Mail No. is completed below, in an envelope addressed to The Commissioner of Patents and Trademarks, Washington, D.C. 20231, on the 20 below-indicated date. Any Express Mail No. has also been marked on the listed items. Express Mail No. E 887747382 21

Date: 10/29/01

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PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

| (\$) | 1. | 992 | .00 |
|------|----|-----|-----|
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| JOO NO TO A CONTRACTOR | | | | |
|------------------------|------------|--|--|--|
| Complete if Known | | | | |
| Application Number | 09/931,649 | | | |
| Filing Date | 8/15/01 | | | |
| First Named Inventor | Mishra | | | |
| Examiner Name | | | | |
| Group Art Unit | | | | |
| Attorney Docket No. | MS1-929US | | | |

| METHOD OF PAYMENT | | FEE CALCULATION (continued) | | | | | |
|--|-------------|-----------------------------|-------------|--------------|--|---------------------------------------|--|
| The Commissioner is hereby authorized to charge | | 3. ADDITIONAL FEES | | | | | |
| indicated fees and credit any overpayments to: Deposit | | Larg | | Sma | | | |
| Account Number | Fee | | Fee | Entil Fee | y Fee Description | Fee Paid | |
| Deposit Account Lee & Hayes, PLLC | Code 105 | 130 | Code 205 | 65 65 | Surcharge - late filing fee or oath | 130 | |
| Name | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or | | |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 | | | | | cover sheet | | |
| Applicant claims small entity status. See 37 CFR 1.27 | 139 | 130 2,520 | 139 | 130 2,520 | Non-English specification For filing a request for ex parte reexamination | | |
| 2. Payment Enclosed: | 112 | 920* | | 920* | · · · · · · · · · · · · · · · · · · · | | |
| Check Credit card Money Cother | 112 | 820 | | | Examiner action | | |
| FEE CALCULATION | 113 | 1,840* | 113 | 1,840 | Requesting publication of SIR after Examiner action | | |
| 1. BASIC FILING FEE | 115 | 110 | 215 | 55 | Extension for reply within first month | | |
| 1. BASIC FILING FEE Large Entity Small Entity | 116 | 400 | 216 | 200 | Extension for reply within second month | | |
| Fee Fee Fee Fee Description | 117 | 920 | 217 | 460 | Extension for reply within third month | | |
| Code (\$) Code (\$) Fee Paid | - 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | | |
| 101 740 201 370 Utility filing fee 740 | 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | | |
| 106 330 206 165 Design filing fee | 119 | 320 | 219 | 160 | Notice of Appeal | | |
| 107 510 207 255 Plant filing fee | 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | | |
| 108 740 208 370 Reissue filing fee | 121 | 280 | 221 | 140 | Request for oral hearing | | |
| 114 160 214 80 Provisional filing fee | | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | | |
| SUBTOTAL (1) (\$) 740.00 | | 110 | 240 | 55 | Petition to revive - unavoidable | | |
| 2. EXTRA CLAIM FEES | 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | · · · · · · · · · · · · · · · · · · · | |
| Fee from Extra Claims below Fee Paid | 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | | |
| Total Claims 31 -20** = 11 X 18 = 198 | 143 | 460 | 243 | 230 | Design issue fee | | |
| Independent 14 · 3 · · = 11 x 84 = 924 | 144 | 620 | 244 | 310 | Plant issue fee | | |
| Multiple Dependent | 122 | 130 | 122 | 130 | Petitions to the Commissioner | | |
| | 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | | |
| Large Entity Small Entity | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | | |
| Fee Fee Fee Fee Description Code (\$) Code (\$) | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | | |
| 103 18 203 9 Claims in excess of 20 | | 740 | 246 | 370 | Filing a submission after final rejection | | |
| 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid | 146 | 740 | . 40 | 3/0 | (37 CFR § 1.129(a)) | <u> </u> | |
| 109 84 209 42 ** Reissue independent claims | 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | | |
| over original patent | 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | | |
| 110 18 210 9 "Reissue daims in excess of 20 and over original patent | 169 | 900 | 169 | 900 | Request for expedited examination | | |
| SUBTOTAL (2) (\$) 1,122.00 | | r fee (s | pecify |) | of a design application | | |
| *or number previously paid, if greater; For Reissues, see above | | uced b | y Basi | lc Filing | Fee Paid SUBTOTAL (3) | 130.00 | |

| SUBMITTED BY | Complete (# | Complete (if applicable) | | |
|-------------------|------------------|--|-----------|----------------|
| Name (Print/Type) | Brian J. Pangrie | Registration No. (Attorney/Agent) 42,973 | Telephone | (509) 324-9256 |
| Signature | 72 | | Date | 10-26-2001 |

WARNING: information on this form may become public. Credit card information should not

be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.